

CITY OF KENT 2021 SUMMER RESIDENTIAL RECYCLING COLLECTION EVENT REPORT

1. TIME AND LOCATION

June 5, 9 am to 3 pm

Kent Phoenix Academy, 11000 SE 264th St, Kent, WA 98030

2. PARTICIPANTS

The number of participants and the average vehicle per minute are shown in Table 1.

Table 1, PARTICIPATION RATE

PARTICIPATION	SUMMER 2020
Number of vehicles	928
Average vehicles per minute	2.58

3. MATERIALS COLLECTED PER VEHICLE

A total of 928 cars dropped off materials at the event. In Table 2, we show the number of cars that brought in each material during the day. The table below shows data to determine the most visited collection sites for the day.

Table 2, NUMBER OF VEHICLES WITH THESE MATERIALS

Item	Number of participants bringing this material	% of participants bringing this material
Metal and Appliances	424	45.7%
Shredding	214	23.1%
Electronics	205	22.1%
Styrofoam	203	21.9%
Batteries	175	18.9%
Cardboard	144	15.5%
Textiles	106	11.4%
Mattresses and Box Springs	103	11.1%
Concrete	87	9.4%
Wood	86	9.3%
Toilets and Sinks	59	6.4%
Propane Tanks	33	3.6%
Tires	0	0%

Note: The table shows the records from 928 cars. Refrigerators, Freezers, Air Conditioners were recorded under Metal and Appliances.

The figures add up to more than 100% because many people brought more than one material, although a significant number (42 percent) only brought in one material. In addition, 42 percent of the participants that brought in paper for shredding only brought that material, and 35 percent of the participants that brought in mattresses only brought in mattresses. We will examine this data further for possible improvements in the traffic flow for future events.

4. EVENT HIGHLIGHTS

Venue: The Kent Phoenix Academy offered us a good site, yet it was challenging to direct traffic through three parking areas. We encourage the City to continue to stage recycling events at Phoenix Academy Park. The recycling events require a site the same or larger than this venue to keep the traffic moving.

Traffic flow: A total of 928 cars attended the event. The cars were lined up all day and flowed in at 2.6 cars per minute. By 8:40 am, the cars started forming a line out to Kent-Kangley Road so we opened fifteen minutes early to alleviate the congestion on the street. Despite the long lines, the traffic flowed smoothly within the event and the staff worked as fast as possible to keep up with the traffic. The number of participants continued to arrive at a steady pace throughout the day. We coned off two lanes entering in the metal and mattresses collection area which improved the flow of traffic into that collection spot. The busiest materials included metals and shredding, followed by electronics and styrofoam.

COVID 19 Precautions: The City worked closely with King County Health Department staff to carry out a safe event for participants and vendors. The staff were all screened for COVID and temperatures were taken before any cars arrived. All staff wore masks and encouraged participants to stay in their car wherever possible. Participants wore masks when they entered the site. We had masks available if they didn't have one. Staff and participants paid close attention to carry out these precautions.

Participant response: The 64-degree day was cloudy with little rain. The participants continually expressed gratitude to the staff. They expressed delight to see all the other participants recycling. This popular community event answered the need for many residents to clean out their garages and closets and properly recycle their un-needed items.

Vendor and Staff feedback: Staff heard many comments about the smooth traffic flow and good organization of this event. The vendors collected materials until 3:20 p.m. to serve the last car in line.

Staffing: Seven staff members greeted participants and guided them where to take their materials. One Certified Flagger directed traffic on Kent-Kangley Road. Greeters informed participants where to take items that were not collected at the event including household goods, hazardous waste and florescent lights. The event staff are listed in Table 3.

TABLE 3, EVENT STAFF

Green Solutions event staff
Sharon Conroy
Rick Hlavka
Jennifer Gabriel
Jill Weidman
Andre Turner
Stacey Collins
Terry Satran
One Certified Flagger

Complaints and Comments: Almost all of the participants were relieved and happy to have a place to recycle their materials. When asked, a few participants reported they waited for 20 minutes to enter the site. We greeted a few participants that were not fluent in English and we communicated with them so that they understood where to drop off their materials. A few participants brought in large furniture that we could not accept. One participant brought in a pickup load of tile which we could not take so we referred them to Habitat for Humanity.